

LYMAR', P.I. (Dnepropetrovsk); SHVAYKA, I.B. (Dnepropetrovsk)

Equipment for the mechanized cutting of nonferrous metals with a
confined arc. Avtom. svar. 16 no.6:79-81 Je '63. (MIRA 16:7)
(Electric metal cutting)

L 37639-65 EPP(c)/EPR/EWP(j)/EWT(m)/T PC-4/PR-4/PS-4 RPL RM/WW/JW/WE

ACCESSION NR: AP5007988

S/0318/65/000/002/0030/0033

AUTHOR: Lymar', P. S.; Besedin, D. F.; Kholayavko, C. D.; Khudyakov, V. I.

TITLE: Automation of a catalytic hydrocarbon gas converter for hydrogen production

SOURCE: Neftepererabotka i neftekhimiya, no. 2, 1965, 30-33

TOPIC TAGS: hydrogen production, hydrocarbon converter, catalytic hydrocarbon converter, automatic hydrocarbon converter, nickel catalyst, refinery gas conversion, natural gas conversion, automatic control system

ABSTRACT: The authors describe the layout, instrumentation and achieved efficiency of the closed-loop control system of a catalytic steam conversion unit for hydrogen production. The unit for converting refinery or natural gas over Ni-catalysts at 750-800°C and 4 atm. pressure consists of an ethanalamine scrubber, horizontal preheater, primary and secondary Cu and Cu-Zn catalytic refining units, ZnO absorber for H₂S, tubular reactors for steam conversion on Ni-catalysts, steam-product gas heat exchanger and a vertical fuel gas-product gas heat exchanger (see Fig. 1 of the Enclosure). The original control system, based on old-

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type instruments and manual temperature controls, was improved by centralizing the process control of all reactors and by employing closed-loop cascade controls for: 1) the temperature in the heating and reaction zones in steam converters; 2) the steam input based on the humidity of the product gas; and 3) the fuel gas-air ratio, based on the oxygen content of flue gases. Electronic and pneumatic analytic, control and alarm instruments were used, and feed, steam, fuel gas and air streams, were regulated. Savings achieved comprised an 8.8% decrease in steam consumption, a decrease in feed consumption and a decrease in the labor force by 20 men, estimated as a total of 150,000 rubles/yr. The capacity of the plant is not specified. Orig. art. has: 4 figures.

ASSOCIATION: None

SUBMITTED: OO

ENCL: OI

SUB CODE: OC, IE

NO REF Sov: OCA

OTHER: 000

Card 2/4

"APPROVED FOR RELEASE: 08/31/2001

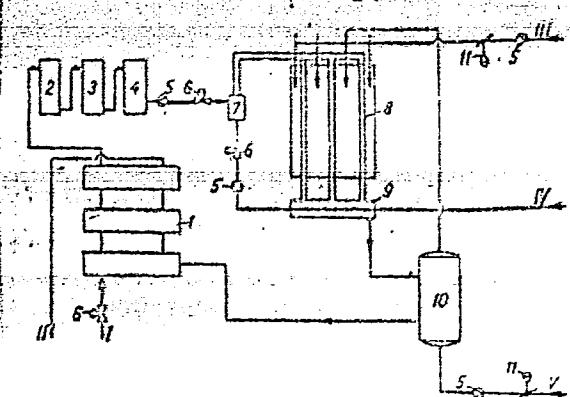
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ACCESSION NR: AP5007988

ENCLOSURE: 01

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ACCESSION NR: AP5007988

ENCLOSURE: Q

Figure i. Flow diagram of the process for conversion of hydrocarbon gases:

1 - horizontal heat exchangers; 2 - converter; 3 - absorber; 4 - secondary re-refiner; 5 - diaphragm of flow meter; 6 - control valve; 7 - injector-mixer; 8 - conversion furnace; 9 - collector -heat exchanger; 10 - vertical heat exchanger; 11 - valve.

Process streams: I - feed - hydrocarbon gas; II - product gas; III - compressed air; IV - steam; V - fuel gas.

Card 414-10

LYMAR' V.

LYMAR' V.

Visual aids for teaching traffic regulations. Avt.transp. 35
no.11:28 N '57. (MIRA 10:12)
(Traffic regulations--Study and teaching)

BELOGUB, V.D.; LYMAR', Ye.A., dots., otr. red.; LUTSKIY, M.S.,
dots., v. red.; ALYAB'YEV, N.Z., red.

[Buildings with walls of large elements, combine-
manufactured without concrete formwork] Zdaniia so ste-
nami iz krupnykh elementov bezopalubochnogo kombainovogo
izgotovleniya. Khar'kov, Izd-vo Khar'kovskogo gos. univ.
1964. 115 p. (MIRA 18:1)

DVOYNIN, L.A.; SHMELEV, S.D.; KUMAKHOV, V.T.; LYMAR', Yu.A.

Changes in the oculocardiac reflex in people under the influence
of caffeine. Nauch. trudy Riaz. med. inst. 15:15-17 '62.
(MIRA 17:5)

1. Kafedra normal'noy fiziologii (zav. kafedroy - prof.
V.F.Shirckiy) Ryazanskogo meditsinskogo instituta imeni Pavlova.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031110019-4

LYMAREV, V. I.

"The Morphological Evolution of Taketomi Island,"

SO: Dok. AN, 62, No. 1, 1948.

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031110019-4"

LYMAREV, V.I.

Types of shores of the Aral Sea. Trudy Okean, kom, 2:59-68 '57.
(MLRA 10:9)

1. Alma-Atinskiy gosudarstvennyy pedagogicheskiy institut.
(Aral Sea--Shore lines)

AUTHOR: Lymarev, V.I. SOV-10-58-4-9/28

TITLE: The Importance of Phragmites for the Development of Alluvial Coasts Under Conditions of Rising Sea Levels (Znacheniye zarosley trostnika v razvitiu akkumulyativnogo berega v usloviyakh povysheniya urovnya morya)

PERIODICAL: Izvestiya Akademii nauk SSSR - Seriya geograficheskaya, 1958, Nr 4, pp 69-71 (USSR)

ABSTRACT: On the basis of observations made in 1955, the author explains the role of phragmites in the development of alluvial coasts under conditions of the contemporary transgression of the Aral Sea. He comes to the conclusion that the rising of the sea level is the most important factor in stimulating the development of phragmite-type coasts. The intensity of the accumulating process caused by phragmites in some cases reaches an enormous height, on the average 15 m annually. Phragmite coasts are of two sub-types, which are genetically connected with each other: the bay-like and the straight-line type. The following scientists are mentioned in this connection: E.A. Berval'd, L.S. Berg, E.A. Fedorovich and A.L. Anshin.

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SOV-10-58-4-9/28

The Importance of Phragmites for the Development of Alluvial Coasts Under
Conditions of Rising Sea Levels

There are two charts and 4 Soviet references.

ASSOCIATION: Alma-Atinskiy gos. pedagogicheskiy institut imeni Abaya
(Alma-Ata State Pedagogical Institute imeni Abay)

1. Oceanography 2. Soils--Developments 3. Grasses--Effectiveness

Card 2/2

LYMAREV, Vasiliy Iosifovich; KUZ'MINA, N.Ye., red.; MAL'CHEVSKIY, G.N.,
red.kart; VILENSKAYA, E.N., tekhn.red.

[The Aral Sea] Aral'skoe more. Moskva, Gos.izd-vo geogr.lit-ry,
1959. 61 p. (MIRA 12:10)
(Aral Sea)

LYMAREV, V.I.

Morphology and dynamics of the fan-shaped shore of northern
Aral Sea region.. Trudy Sekt.geog.AN Kazakh. S.S.R. no.6:
116-124 '60. (MIRA 13:7)
(Aral Sea--Shoreline)

LYMAREV, V.I.

Geomorphological characteristics of the latest transgression of
the Aral Sea. Trudy Lab. ozeroved. 10:36-44 '68.

(MIRA 14:6)

(Aral Sea—Coast changes)

LYMAREV, V.I.

Coastal evolution of the Aral Sea in the near past, at present,
and in the near future. Trudy Lab., ozeroved. 15;215-246 '63.
(MIRA 16:3)
(Aral Sea—Coast changes)

LYMAREV, V.I.

"Fundamentals of the geomorphology of sea coasts" by O.K.
Leont'ev. Reviewed by V.I. Lymarev. Vest. Mosk. un. Ser.
5:Geog. 18 no.5:86-87 S-0 '63. (MIRA 16:11)

LYMAREV, V.I.

Formation of a jagged coast due to the development of landslides.
Vest. Mosk. un. Ser. 5: Geog. 20 no.6:68-70 N-D '65.
(MIRA 19:1)

ZLOTIN, A.Z.; LYMAREVA, M.A.; TREML', A.G.

Development of the gipsy moth (*Ocneria dispar* L.) feeding on acorns under laboratory conditions. Zool. zhur. 44 no.7:1098-1100 '65.
(MIRA 12:9)

1. Grakovskaya toksikologicheskaya laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh sredstv zashchity rasteniy, pochtovoye otdeleniye Chkalovskoye Khar'kovskoy oblasti.

TREML', A.G., kand.sel'skokhoz.nauk; ZLOTIN, A.Z., nauchnyy sotrudnik;
LYMAREVA, M.A., nauchnyy sotrudnik

Photothermal container. Zashch. rast. ot vred. i bol. 8 no.7:43
J1 '63. (MIRA 16:9)

1. Grakovskoye optytnoye pole Nauchno-issledovatel'skogo instituta
po udobreniyam i insektofungisidam imeni Ya.V.Samoylova.

ACC NR: AP7001169 (A,N) SOURCE CODE: UR/0439/66/045/007/1100/1102

AUTHOR: Zlotin, A. Z.; Lymareva, M. A.

ORG: Khar'kov Laboratory, All-Union Research Institute of Chemical Means of Plant Protection (Khar'kovskaya Laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh sredstv zashchity rasteniy)

TITLE: Rearing insects in winter for biological evaluation of insecticides

SOURCE: Zoologicheskiy zhurnal, v. 45, no. 7, 1966, 1100-1102

TOPIC TAGS: insecticide, ~~nutritive media~~, entomology, INSECT CONTROL

ABSTRACT: Procedures for raising lepidopteran species in winter to study the effects of insecticides were developed. The species raised were: *Antherea pernyi* Guer., *Ocneria dispar* L., and *Barathra brassicae* L. Suitable nutrient media were developed for raising the larvae through the fourth instar. The larvae were raised under conditions of controlled temperature and humidity. Orig. art. has: 1 figure and 2 tables. [WA-50; CBE No. 14] [LP]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 004

Card 1/1

UDC: 59.082-578.7

MAKSIMOVICH, Ya.B.; BRESLAVETS, V.I.; LYMAREVA, P.P.; POKOTILENKO, G.M.;
FEDOROVICH, T.I.

Content of principal water-soluble vitamins and carotene in fresh
and preserved donor's blood. Probl.gemat.i peral.krovi no.2:40-
42 '62.
(MIRA 15:1)

1. Iz kafedry farmakologii (zav. - doktor med.nauk Ya.B Maksimovich)
Iuganskogo meditsinskogo instituta (dir. - prof. Ye.I. Pal'chevskiy).
(CAROTENE) (VITAMINS) (BLOOD-ANALYSIS AND CHEMISTRY)

LYMZIN, V.N.

Constructional defects in the Model 1616 lathe. Stan.1 instr. 24 no.10:31-32
O '53. (MIEA 6:11)
(Screw-cutting machines)

LYMZIN, V.N., inzhener.

Substituting textolite for bronze nuts of lead screws. Vest.mash. 33 no.
(MLRA 6:5)
3:21 Mr '53.
(Screw-cutting machines)

LYMZIN, V. N.

USSR/Engineering - Machine Tools

Card 1/1

Author : Lymzin, V. N.
Title : Improvement of the Quality of Machine Tools
Periodical : Stan. i Instr. Ed. 1, 23-26, Jan/1954
Abstract : A comprehensive critical analysis of various machine tools and production methods is given. The author lists several types of machine tools and points out their shortcomings, which should have been eliminated in the initial stage of production, had there been better cooperation and foresight in designing and extensive laboratory tests. Drawings of the following machine tools are given: Semiautomatic single-mendrel lathe (MR-5), surface grinding machine (model 371), Semiautomatic lathe (model 1730), universal milling machine (model 678-M) and an automatic single-mendrel shaping machine.

LYMZIN, V. N.

USSR/Engineering - Bushings

Card 1/1 : Pub. 103 - 16/23

Authors : Lymzin, V. N.

Title : ~~Methods for reconditioning bronze bushings~~ The repair of bronze bushings

Periodical : Stan. i instr. 8, 34-35, Aug 1954

Abstract : Methods for reconditioning bronze bushings, are discussed. The reconditioning consists of copper plating in a $\text{CuSO}_4 - \text{H}_2\text{S}_4$ solution.

Institution :

Submitted :

LYMZIN, V. N.

LYMZIN, V. N. --"The Effect of Wear on the Precision and Productivity of
High-Precision Lathes." Min Higher Education USSR. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences).

So.: Knizhnaya Litopis', No. 7, 1956.

LYMZIN, V.N., kand.tekhn.nauk, dots.

Raising the repairability of precision lathes used in instrument
manufacturing plants. Izv.vys.ucheb.zav.; mashinostr. no.5:132-
138 '58. (MIRA 12:5)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana.
(Lathes--Maintenance and repair)

SOV/3-59-4-30/42

22(1)
15(8)

AUTHOR: Lymzin, V.N., Candidate of Technical Sciences

TITLE: Laboratory and Production

PERIODICAL: Vestnik vysshey shkoly, 1959, Nr 4, pp 73-74 (USSR)
using plastics and polymers in industry -

ABSTRACT: An important and responsible task - will be entrusted for the
next 7 years to the Scientific-Research Laboratory

MVTU imeni Bauman. The Laboratory is called upon to introduce
plastic into the machine building industry, particularly at
the Moscow enterprises, thus making it possible for the in-
dustry of other districts to utilize, at a later date, the
experience gained and the results of research conducted in
the Laboratory. The Laboratory is organizing its activity in
two directions: to coordinate the work of all scientific and
plant laboratories, engaged in introducing plastics in machine-
building, and to conduct research on the most important pro-
blems relating to the use of plastic and polymers. The co-
ordination of this work is just beginning. The MVTU Chair

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SOV/3-59-4-30/42

Laboratory and Production**Machines"**

"Machine Tools and Automatic" will, in the near future, supervise the work of designers and technologists of the Stankozavod (Machine Tool Plant) "Krasnyy proletariy", Zavod vnutri-shlifoval'nykh stankov (Internal Grinder Plant), Moskovskiy stankozavod (Moscow Machine Tool Plant), and others. The research of the Laboratory has already yielded some success. Laboratory workers are examining the machinebuilding properties of new kinds of plastic. This represents an entire group of scientific problems. Another important complex of research is the studying of the technology of reprocessing plastic and of the machinery used for it. In these researches 27 institute chairs are taking part; they carry out 39 different works. In cooperation with the 1-y gosudarstvennyy podshipnikovyy zavod (First State Bearing Plant), the Chairs "Machine Parts", "Treating Metals by Pressure" and "Strength of Materials" are engaged in manufacturing antifriction bearings of plastic, testing them, and in designing automatic presses and press molds for making plastic balls. The plant has handed the test results on compressing the first lot of

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SOV/3-59-4-30/42

Laboratory and Production

plastic balls and the sketches of the press molds. The Chair "Wheel Machinery" has collected and classified ample material on the application of plastic in automobiles. It has made experimental models of automobile suspension brackets, body parts for a floating automobile, etc. In 1959, the Laboratory research will assume a still greater scope. A thematic plan was approved after the Laboratory's work had been discussed by the large plants in Moscow and the Upravleniye konstruktor-skikh i nauchno-issledovatel'skikh organizatsiy Mosgorsovnar-khoza (Administration of Design and Scientific-Research Organizations of the Mosgorsovnarkhoz). The latter is fully financing the work carried on according to the approved themes, and furnishing the Laboratory with the required material and auxiliary personnel. However, the Laboratory is short of suitable premises and special equipment. The making of experimental models and of machinery for the reprocessing of plastic causes considerable difficulties. The author points out that research can also be made in the laboratories for plastic of the Zavod imeni Likhacheva (Plant imeni Likhachev), Zavod malo-

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LYMZIN, V.N.

Example given by the scientists of the plastics laboratory of
the Moscow City Economic Council. Plast.massy no.1:2 '60.
(MIRA 13:6)
(Moscow--Testing laboratories) (Plastic industry)

S/191/60/000/006/011/015
B004/B054

AUTHORS: Korsakov, V. S., Lymzin, V. N.

TITLE: The Use of Plastics for the Production of Tools and
Machine Body Parts

PERIODICAL: Plasticheskiye massy, 1960, No. 6, pp. 37 - 42

TEXT: The authors discuss the applicability of plastics in the production of various tools and machine parts, and point to the light weight of such parts as compared with metal parts. After briefly mentioning the phenol formaldehyde resins which, due to considerable shrinkage, can only be used for coarse products, they thoroughly deal with the casting of epoxy resins. At present, the types ЭД-5 (ED-5), ЭД-6 (ED-6), ЭД-37 (ED-37), Э-40 (E-40), Э-41 (E-41), and Э-44 (E-44) are available. The hardening agents mentioned are polyethylene polyamides, ethylene diamine, and hexamethylene diamine for cold hardening, and organic acid anhydrides (maleic anhydride) for hardening at 150°C. Plasticizers mentioned are dibutyl phthalate, triphenyl phosphate, castor oil; fillers are iron dust, Portland cement, iron minium, quartz sand, talcum, chalk, gypsum.

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The Use of Plastics for the Production of
Tools and Machine Body Parts

S/191/60/000/006/011/015
B004/B054

kaolin, diabase flour, marshallite, asbestos fiber, glass fiber, glass tissue, sawdust, zinc oxide, as well as ground epoxy resin waste. The following technical data are given for pure epoxy resin: shrinkage 0.1-1.0%, specific gravity 1.15-1.25, Brinell hardness 20 kg/mm^2 , tensile strength 6 kg/mm^2 , compressive strength 13 kg/mm^2 . The high price is a drawback. The authors thoroughly discuss the casting in plaster molds made to wood patterns, and describe the procedures developed at the laboratoriya plastmass i polimerov MVTU (Laboratory of Plastics and Polymers of the Moscow Technical College). Patterns are prepared from natural or artificial wax, and cast around with plaster; after hardening and drying the plaster mold the wax is melted out. The following formula was developed for the cast resin at the laboratoriya No.6 NIIPM (Laboratory No.6 of the Scientific Research Institute of Plastics), NIIAvtoprom (Scientific Research Institute of Automotive Engineering) together with the GAZ (Gor'kiy Automobile Factory), ZIL (Plant imeni Likhachëv), and MZMA (Moscow Small-automobile Plant): 100 parts by weight of epoxy resin of the type ED-5, 200 parts by weight of filler, 15-20 parts by weight of dibutyl phthalate, 8-9 parts by weight of

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The Use of Plastics for the Production of
Tools and Machine Body Parts

S/191/60/000/006/011/015
B004/B054

polyethylene polyamine. To reduce brittleness, the addition of dibutyl phthalate may be increased to 20-25 parts by weight. Higher strength is attained by reduction of the filler portion to 150 parts by weight as well as by reinforcement. The authors discuss the processing of epoxy resin castings. With abrasive fillers it is necessary to use tools with BK-8 (YK-8) or T15K6 (T15K6) hard alloy. The equipment required for a casting shop, and the protection from the aggressive action of hardening agents are mentioned. The authors point to the good binding between resin and metal, and to the possibility of repairing worn-out parts by applying a new resin layer. There are 3 references: 2 Soviet and 1 US.

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S/145/60/000/009/012/017
D221/D304

AUTHOR: Lymzin, V.N., Candidate of Technical Sciences

TITLE: Determining the period between successive repairs of a machine tool, taking into account wear and the losses due to replacing and setting of the tool

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Mashino-stroyeniye, no. 9, 1960, 113 - 121

TEXT: The machining allowance can be divided into two parts $\delta = v + u$, where v (microns) is due to errors produced by instability of machine, and u (μ) is left for the tool wear. The author considers the use of δ during the period of work, H , between the successive regrinds of tool (Fig. 2), where b_1 is the setting time, b_2

time required for removing the tool, h is the time for size setting and θ is the period of work between two successive size settings. The analysis of single-tool machining on single spindle autos is reviewed and it is concluded that the components of allowance are subject to a redistribution with time elapsed. The insta-

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S/145/60/000/009/012/017

D221/D304

Determining the period between ...

bility of machine work increases leaving less for the allowed tool wear, u . This causes more frequent resettings and stoppages. The various factors are connected by mathematical equations which result in a definition of the ratio of stoppages to the corresponding period of machine work q_u^* . A curve of this factor is plotted,

and it allows the deduction to be made that stops due to tool servicing referred to the time of work H , between two consecutive regrinds increase with the longer period of machine service. Further analysis takes into consideration similar stoppages referred to the period between successive maintenances T . This quantity is denoted by q_u , and is determined as the mean value of function $q_u^*(t)$

during the period T . After mathematical elaboration the author deduces an equation which is also plotted. The curve reveals that the relative losses due to servicing of tool q_u , goes up with the longer service of the machine T , although not as sharply as q_u^* .

The practice of operation and maintenance of machine tools demonstrates that duration of maintenance increases with the length of

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S/145/60/000/009/012/017
D221/D304

Determining the period between ...

periods between successive repairs T . The analysis indicates the existence of period between repairs $T_q \text{ min}$, when the sum of stop-pages connected with repairs and tool servicing are minimum and equal to q_{\min} . The author quotes the method of computing these two quantities, and gives a numerical example. There are 10 figures.

ASSOCIATION: MVTU im. N.E. Baumana (MVTU im. N.E. Bauman)

SUBMITTED: May 17, 1960

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S/145/60/000/010/009/012
D262/D304

AUTHOR: Lymzin, V.N., Candidate of Technical Sciences

TITLE: Causes of dispersion of dimensions and ways of increasing the stability of work of precision lathes

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Mashino-stroyeniye, no. 10, 1960, 127 - 135

TEXT: A new conception of micro-rigidity is introduced which is defined as rigidity of lathe saddle at small loads (up to 10 kg), and is said to be one of the most important characteristics of quality of precision lathes. Dispersion is caused by variation of cutting forces and also by changes of position of the cross slide. The author deduces a formula for the total dispersion showing that the latter increases with the increase of the diameter and the lengths of the sliding nut of the cross feed screw. Various constructions of existing regulated sliding nuts are described; textolite is mentioned as a suitable material for non-regulated sliding nuts. There are 8 figures and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

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Causes of dispersion of dimensions ... S/145/60/000/010/009/014
D262/D304

ASSOCIATION: MVTU im. N.E. Baumana (MVTU im. N.E. Bauman)

SUBMITTED: June 20, 1960

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LYMZIN, V.N., kand.tekhn.nauk, dotsent

Investigating the operating stability of centerless grinding machines.
Izv.vys.ucheb.zav.; mashinostr. no.4:192-198 '61. (MIRA 14:6)

1. Moskovskoye vyssheye tekhnicheskaya uchilishche imeni Baumana.
(Grinding machines—Testing)

LYMZIN, V.N.; LEYDER, A.G.; BELOPUKHOV, A.K.

Increasing the dimension stability of polyamide separators for
antifriction bearings. Plast.massy no.8:64-67 '61. (MIRA 14:7)
(Bearings (Machinery)) (Polyamides)

LYMZIN, V.N., kand.tekhn.nauk

Manufacturing and investigating machine-tool body parts of epoxy resins. Izv.vys.ucheb.zav.; mashinostr. no.11:139-148 '61.

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. N.E.Baumana.
(Epoxy resins) (Machine tool industry)

(MIRA 14:12)

S/653/61/000/000/015/051
I007/I207

AUTHOR: Lymzin, V.N.

TITLE: The use of plastics in Moscow machine-building plants and laboratory investigations of plastics at the Moscow Sovnarkhoz im. Bauman

SOURCE: Plastmassy v mashinostroyenii i priborostroyenii. Pervaya respublikanskaya nauchno-tehnicheskaya konferentsiya po voprosam primeneniya plastmass v mashinostroyenii i priborostroyenii, Kiev, 1959. Kiev, Gostekhizdat, 1961, 178-171

TEXT: This is a report on the activity of the laboratory which works for the plants belonging to the Moscow Council of National Economy. Investigations include the design of plastic components and equipment, the use of plastics as technological-auxiliary equipment, as well as the design of processes and equipment for production

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S/653/61/000/000/015/051
I007/207

The use of plastics in Moscow...

of plastics. The laboratory reports on the use of new types of gearings made of plastics. In co-operation with the State Bearings Works, the laboratory tested ball-bearing components, (balls, tracks) made of plastics. Good results were also obtained in the production of plastic automobile bodies and components. The laboratory devised a new method for obtaining plastic products by means of ultrasonic welding and a new technological process for adhesive joining of components in assembly processes. The laboratory has been authorized to draft national standards for tolerances in assembling plastic components and is now being engaged in studies on new designs of an automatic hydraulic press with electrical heating of the molds. There are 10 figures.

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LYMZIN, V.N.

Technological process for the manufacture of plastic bodies for machine-tool mechanisms. Plast.massy no.4:40-43 '63. (MIRA 16:4)
(Plastics) (Machine tools)

L 60026-65 EMP(e)/EMT(m)/EMP(t)/EMP(l)/EMP(z)/EMP(b) Pf-e IJP(c) JD

ACCESSION NR: AP5018272

UR/0226/65/000/007/0041/0044

25

24

3

AUTHOR: Obolonchik, V. A.; Lynchak, K. A.

TITLE: Determination of the relative dispersity of certain metal powders

SOURCE: Poroshkovaya metallurgiya, no. 7, 1965, 41-44

TOPIC TAGS: particle size measurement, crystal violet, malachite green, silver powder dispersity, powder metallurgy, dye adsorption

ABSTRACT: To determine the relative dispersity of silver powder, the authors worked out an adsorption method involving the use of the triphenylmethane dyes crystal violet and malachite green. The method consisted in the adsorption of the dye onto the surface of the silver particles from solution. The greater the surface area of the powder, i.e., the smaller the particle size, the greater the amount of dye adsorbed thereon. After removing the excess solution, the dye adsorbed by the metal is dissolved in water and determined colorimetrically. Since crystal violet is adsorbed to a greater extent than malachite green on silver, it gives better results (the method is more sensitive). The method can be applied to other metals as well, but first it is necessary to plot the adsorption isotherms, which will characterize the nature of the powder and dye, and will

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L 60026-65

ACCESSION NR: AP5018Z72

determine whether the method is really applicable. If no reproducible results are obtained when the adsorption isotherms are plotted, oxidation of the metal may be the cause, and the method cannot be used for that particular powder. Orig. art. has: 3 figures.

ASSOCIATION: Institut problem materialovedeniya AN UkrSSR (Institute of Materials Science Problems, AN UkrSSR)

SUBMITTED: 06Jul64

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 002

Caro 2/2 *LLP*

LYNDA, A. S.

LYNDA, A. S. : "The formation in students of the ideas and habits of practical activity in the process of polytechnic training in the eighth through tenth classes of the urban school." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1956. (Dissertation for the Degree of Candidate in Pedagogical Science.)

Knizhnaya letopis', No. 31, 1956. Moscow.

L.YA.D. 1.11.5
RECHMERSKIY, I.N.; ASEYEV, V.B.; MONAKHOV, V.V.; LYNDI, A.S., red.;
SHCHEPTEVA, T.A., tekhn.red.

[Programs of pedagogical institutes; elements of machinery for
physics and mathematics faculties. Majors: mathematics and
mechanical drawing] Programmy pedagogicheskikh institutov; osnovy
mashinovedeniia dlia fiziko-matematicheskikh fakul'tetov. Spetsial'-
nost' - matematika i cherchenie. Moskva, Gos.uchebno-pedagog.
izd-vo M-va prosv. RSFSR, 1957. 7 p.
(MIRA 11:3)

1. Russia (1917- R.S.F.S.R.) Glavnaya upravleniye vysshikh i
srednikh pedagogicheskikh uchebnykh zavedenii.
(Machinery)

PANKOV, M.I.; RECHMENSKIY, I.N.; KHOMUTOV, A.I.; IVANOVA, G.A.; LYNDI, A.S.,
red.; SHCHEPTEVA, T.A., tekhn.red.

[Programs of pedagogical institutes; technology of metals and other
materials with practical work in school shops for physics and
physics and mathematics faculties] Programmy pedagogicheskikh
institutov; tekhnologiya metallov i drugikh materialov s prakti-
kumom v uchebnykh masterskikh dlja fiziko-matematicheskikh fakul'-
tetov. Spetsial'nost' - fizika i osnovy proizvodstva. Moskva, Gos.
uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1957. 15 p. (MIRA 11:3)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i
srednikh pedagogicheskikh uchebnykh zavedeniy.
(Metals)

LYNDA, A.S.

~~LYNDA, A.S.~~

Some results of providing training in the principles of industry
to future teachers in pedagogical institutes. Politekh.obuch.
no.12:64-69 D '57. (MIRA 10:12)
(Teachers, Training of) (Technical education)

PANKOV, M.I.; RECHMANSKIY, I.N.; KHOMUTOV, A.I.; IVANOVA, G.A.; LYNDI, A.S.:
red.; VOLCHENK, V.L., tekhn. red.

[Programs of pedagogical institutes; practical school shop-work
in the technology of metals and other materials for physics and
mathematics faculties; major: mathematics and physics] Programmy
pedagogicheskikh institutov; praktikum v uchebnykh masterskikh s
elementami tekhnologii metallov i drugikh materialov dlia fiziko-
matematicheskikh fakul'tetov (spetsial'nosti' - matematika i
fizika). Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR,
1958. 14 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i
srednikh pedagogicheskikh uchebnykh zavedeniy.
(Metals)

LYNDA, A.S., kand, ped, nauk.

Correspondence training of teachers in the fundamentals of industry.
Politekh. obuch. no.7:82-83 J1 '58. (MIRA 11:8)
(Teachers, Training of) (Technical education)

LYNDA, A.S., kand.pedagogicheskikh nauk

Basic methods of forming in students the skills and habits of
practical work. Uch.zap.Kol.ped.inst. Politekh.ser. 4 no.1:41-55
'59. (MIRA 14:4)

(Manual training)

LYMDA, A.S.

Training of teachers in technical and agricultural disciplines. Politekh.obuch. no.9:46-50 S '59.
(MIRA 12:12)
(Teachers, Training of)

MORGULIS, P.S., dotsent, kand.tekhn.nauk; LYNDA, A.S., kand.pedagogicheskikh nauk

Draft curriculum for the engineering and pedagogical faculty of
a teachers college. Uch.zap.Kol.ped.inst.Politekh.ser. 4 no.1:9..
12 '59.

(MIRA 14:4)

(Teachers, Training of)
(Technical education--Curricula)

LYNEV, V. F.

Subject : USSR/Electricity AID P - 1524
Card 1/1 Pub. 26 - 20/36
Author : Lynev, V. F., Eng.
Title : Replacing the pressing of pipes in a boiler drum by welding
Periodical : Elek. sta., 3, 48, Mr 1955
Abstract : The author describes the method applied in mounting a high-pressure boiler. Two diagrams
Institution: None
Submitted : No date

LYNEV, V.F. insh.

Welding a through hole in the steam chamber of a turbine unit.
Elek.sta. 29 no.9:66 S '58. (MIRA 11:11)
(Steam turbines--Welding)

KHACHATUROV, Khristofor Georgiyevich; LYNDIN, Nikolay Ivanovich;
SERENOV Yuriy Aleksandrovich; BASOK, Semen Izrailevich;
FAVORSKIY, V.Ye., red.; ALABYSHEVA, N.A., red.izd-va;
GVIRTS, V.L., tekhn. red.

[Practices of the "Avtoarmatura" Plant in the bending of
contacts and the efficient organization of die storage]
Opyt zavoda "Avtoarmatura" po gibke kontaktov i ratsional'-
noi organizatsii khraneniia shtampov. Leningrad, 1963. 11 p.
(Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen
peredovym opyтом. Seria: Goriachaia i kholodnaia obrabotka
metallov davleniem, no.7) (MIRA 17:3)

LYNDIN, V.V.

AUTHORS: Tatochenko, L. K., and Lyndin, V. V.

TITLE: Phase-impulse Method of Determining the Curie Point (Fazo-impul'snyy metod opredeleniya tochki Kyuri)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, No. 1, pp. 61-64 (U.S.S.R.)

ABSTRACT: For rapid determination of the Curie point the authors propose a device with phase-impulse indication of magnetic permeability. The specimen studied is placed inside a heater located within a solenoid. The solenoid, connected in series with active resistance, is fed from a generator of HF AC. The voltage phase on the resistance coincides with the current phase. The inductivity of the solenoid depends on the magnetic properties of the specimen. The authors developed formulas for the mathematical computations required. Illustrations accompany the text: drawing showing the principles of the phase-impulse indicator, block diagram of the indicator, circuit of the indicator showing its principles, and a schematic diagram of the transmitter unit. The device is found successful in the study of ferromagnetic alloys.

ASSOCIATION: Central Scientific-Research Institute for Ferrous Metallurgy
(Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)
Card 1/2

Phase-impulse Method of Determining the Curie Point

PRESENTED BY:

SUBMITTED:

AVAILABLE:

Card 2/2

LYNDIN, V.V.
APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001031110019-4"

AUTHORS Tatochenko, L.K., Lyndin, V.V., 32-8-34/61
 Tokmakov, V.S., Moysh, Yu.V.,
 Sabinin, P.G., Shchebrov, M.N.

TITLE An Automatic Magnetic Defectoscope for Controlling
 Bar Materials.
(Avtomatizirovanny magnitnyy defektoskop dlya
kontrolya prutkovykh materialov.)

PERIODICAL Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 8,
 pp. 967-969 (USSR)

ABSTRACT For controlling bar-like and cylindrical objects of
 production, where the defects are mostly to be sought
 in the direction of the axis, magnetization by a
 magnetic circulation field is used which is effected
 by the passage of current along the bar to be in-
 vestigated. The amperage is chosen according to the
 cross section of the bar to be investigated, namely
 according to the formula: $I = (10 \pm 20) d$, where I
 signifies the amperage and d the cross section of
 the object. The so-called defectoscope was constructed
 on the basis which is described here. This apparatus,
 however, only permits to make random tests. An automatic

CARD 1/2

32-8-34/61

An Automatic Magnetic Defectoscope for Controlling Bar Materials.

control was experimentally worked out by the Ural branch of the Academy of Sciences of the USSR for the Plant imeni Serov. In this construction the object (bar) was immersed into a tub with magnetic suspension and at the same time current was sent through it. The method proved to be somewhat more practical, but the secondary functions made the control cumbersome. The paper further describes a new device which permits further automatization of the above-mentioned functions. On the slant plane the rolling bars are one by one automatically clamped, then they are in a circular movement immersed to the tub (as above with the passage of current) and finally they are let out of the clamps on the other side of the slant plane where they again begin rolling. This automatic operation takes 7 seconds per bar. Such an apparatus is already used in the Elektrostal' Works.

(3 illustrations, 3 references)

Central Scientific Research Institute for Ferrous Metallurgy.
(Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii)

AVAILABLE:
CARD 2/2

Lyn Din, V.V.

7-117
USSR - Institute of Radioelectronics
Collection of papers on the use of radioactive isotopes in industry. Part 1.
Moscow: Radio i Svyaz Press, 1957.

Subject: Radiation protective properties (properties of the
All-Union Conference on the use of radioactive and stable isotopes
and radiation in the National Economy and Science). Machine and
armament manufacturing. Moscow, Izd-vo AN SSSR, 1958. 358 p.
4,500 copies printed.

Sponsoring Agencies: CCPG, Glavnoye upravleniye po ispol'zovaniyu
atomnoy energii, and Akademiya nauk SSSR.

Editorial Board of Set.: V.I. Dzhulinin (Sup. Ed.), N.N.
Shumilovskiy (Deputy Sup. Ed.), Yu. S. Zaslavsky (Deputy Rep.
Ed.), L.K. Ratchenko, B.I. Verbovskiy, S.O. Razarov, L.I. Petrenko
and N.O. Zelevinskaya (Secretary).

Org. of Publishing House: P.M. Belyanin Tch., Eds.: F.P. Polenskaya,
china and instrument manufacturer who use radioactive isotopes in
the study of materials and processes.

Coverage: This collection of papers covers a very wide field of the
utilization of tracer methods in industrial research and control
techniques. The topic of this volume is the use of radioisotopes
in the machine-and-instrument-manufacturing industry. The individual
papers discuss the applications of radiotrace techniques
in the study of metals and alloys, problems of friction and lubri-
cation, metal cutting, engine performance and defects in metals.
Several papers are devoted to the use of radioisotopes in the automa-
tion of industrial processes, recording and measuring devices,
quality control,ometers, safety devices, radia-
tion counters, etc. These papers represent contributions of vari-
ous Soviet Institutes and laboratories. They were published as
Transactions of the All-Union Conference on the Use of Radioiso-
topes and Stable Isotopes in the National Economy
and Science, April 4-12, 1957. No Peer-reviewed
version of most of the papers.

Bogachuk, L.M., A.M. Brodskiy, B.I. Verbovskiy,
A.A. Makarov, N.S. Novozhenova, and L.A. Slobodchikov (Transl.),
Labor. avtomatiki Min-nauchnoi radiotekhniki, Leningrad.
Leningrad, Staleproektgiprotyazh i protolochka SSSR, Institut
Inzurs, zavod Zaporozhetskogo radioizotopnogo zavoda, metal-
nauk Labortorii I. Inzur Ordonnitskogo - Central Auto-
mation Laboratory of the Ministry of Ferrous Metallurgy, USSR;
Institute of Physics I. M. Gubkin, P.M. Belyanin Tch.,
USSR; Leningrad Steel Rolling Mill and Steel Rope Plants of Sciences;
Metallurgical Plant "Zaporozhets", I. M. Ordzhonikidze.
Paratus for the Measurement of the Thickness of Rolled Steel and
Coatings. 236

Novozhenova, N.S. (Protektorirovaniye zavoda "Zaporozhets" -
Dnepropetrovsk, "Zaporozhets" Plant). Use of Thickness Gauges
at the Zaporozhets Plant. 240

Tatarski, I.M., and V.A. Zamashnikov (Institut fiziki Atoma i
Izmerenii SSSR). Consideration of the Control-Signal Statistics in
Recording Radioactive Radiation With Relay-type Instruments 241

Leszhevskiy, V.L., V.V. Lyndin, S.V. Medvedev, Yu. S. Prishkin, L.R.
Serebrenikov, and V.I. Shul'ga (Institut metallovedeniya i Fiziki
Metallov TANICHEM - Institute of Metallography and the Physics of
Metals, TANICHEM). Certain Problems in Designing Gamma-Ray Level
Indicators. 242

Ovcharenko, Ye.E. (Konstruktorskoye byuro "Tsvetmetavtozavod" -
KHM SSSR - Design Engineering Office of "Tsvetmetavtozavod", USSR).
Use of Scintillation Counters in the Design of Electron Modulation for Oceans.
Radiation Recording. 243

Shurin, K.E., and V.A. Janushkevich (Institut fiziki Atoma, fizika
SSR). Portable Radioactive Level Indicators. 245

Belyuk, Ye.A. Level Indicator for Pre-flowing Materials. 246

S/137/62/000/004/131/201
A060/A101

AUTHORS: Tatochenko, L. K., Moysh, Yu. V., Lyndin, V. V., Tokmakov, V. S.

TITLE: Magnetic dust method of control in metallurgy

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 87, abstract 4I524
("Sb. tr. In-t metalloved. i fiz. metallov Tsentr. n.-i. in-ta
chernoy metallurgii", 1959, 6, 460-465)

TEXT: A use is proposed for rod-shaped ferrimagnetic material for the magnetic dust method of control. The overall view and the electrical diagram of a magnetic defectoscope are given, which make it possible to carry out the semiautomatic control of steel rods with 5 - 22 mm diameter and length 1,500 - 4,000 mm. The main units of the flaw detector are: the receiving and control stand, the vat filled with a magnetic emulsion, and the main shaft with clamps for the rods, whose rotation is realized by an asynchronous motor with power 1.7 kw, 1,000 rpm, through a worm-gear reducer, a cam gear, a geared sector, and a cog-wheel torque-limiting clutch. The switching on and off of current passed through the rod while the latter passes through the vat (in the course of ~3sec) is carried out automatically by means of a terminal switch. The current up to

Card 1/2

Magnetic dust method of control in metallurgy

S/137/62/000/004/131/201
A060/A101

1,000 amps at a rod potential up to 12 volts is regulated by the connection of a varying number of sections of the primary winding of the transformer to the power grid. There are 7 references.

A. Romanov

[Abstracter's note: Complete translation]

Card 2/2

S/137/62/000/004/134/201
A060/A101

12.8100

AUTHORS: Tatochenko, L. K., Lyndin, V. V.

TITLE: Instrument for the express determination of the Curie point

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 88, abstract 4I529
("Sb. tr. In-t metalloved. i fiz. metallov Tsentr. n.-i. in-ta
chernoy metallurgii", 1959, 6, 485-491)

TEXT: An instrument is proposed with pulse-phase indication of the jump in magnetic permeability for the rapid determination of the Curie point. The maximum temperature registered by the potentiometer is the Curie point temperature, and further changes in the specimen temperature are not registered, which is an advantage of this instrument over an anisometer. The second important advantage of the instrument is the fact that the material is investigated without a special preparation. Specimens over 4.5 mm long and of arbitrary shape with transverse section over 25 mm are utilized. The maximum transverse diameter of the specimen is determined by the inside diameter of the heater. Tests of the instrument have shown its reliability of operation and good reproducibility of results of measurements. As result of the high sensitivity of the pulse-phase

Card 1/2 ✓

Instrument for the express ...

S/137/62/000/004/134/201
A060/A101

indicator and its almost total inertialessness, the errors in the determination of the Curie point depend entirely upon the error of determination of temperature and increase as the heating rate of the specimen increases. The instrument is successfully applied at the TsNIIChM for investigating the properties of ferromagnetic alloys. A block diagram and flow chart of the Curie point indicator are given, as well as the schematic diagram of the sensor block.

V. Ferenets

[Abstracter's note: Complete translation]

Card 2/2

MAKSIMOV, Yu.M., kand.tekhn.nauk; AKINFYEV, V.I., inzh.;
LATYSHEV, V.K., kand.tekhn.nauk; LYNDIN, V.V., inzh.

I.P. Bardin Central Scientific Research Institute of
Ferrous Metallurgy. Stal' 23 no.2:131,157-158 F '63.

(Open-hearth process) (MIRA 16:2)
(Rolling (Metalwork))

ACC NR: AM6025821

Monograph

UR/

Afanas'yev, Vadim Nikolayevich; Latyshev, Vladislav Konstantinovich;
Lyndin, Vasiliy Vasil'yevich; Felinger, Aleksandr Konstantinovich

Radioisotope instruments in metallurgy (Radioizotopnyye pribory v
metallurgii) [Moscow] Izd-vo "Metallurgiya," 1966. 224 p. illus.,
biblio. 2700 copies printed.

TOPIC TAGS: nuclear radiation, radioisotope instrument, radioisotope
measuring instrument, metallurgy, radioisotope, ~~instrument~~ radiation
detecting device, radioactive tracer, industrial nuclear application, metallurgical testing machine
PURPOSE AND COVERAGe. This book is intended for engineering personnel
specializing in controlling various parameters of technological
processes by using nuclear radiation and radioisotope measuring
instruments, especially those instruments which are used in the field
of metallurgy. The authors summarize data useful for development of
new instruments which may facilitate dealing with problems of
metallurgical industry. References accompany every chapter.
Chapter 1 is written by V. K. Latyshev; Chapter 2—jointly by all the
authors; Chapter 3 by V. N. Afanas'yev; Chapters 4 and 6 by A. K.
Felinger; Chapter 5 by V. V. Lyndin and V. K. Latyshev; and Chapters
7 and 8 by V. V. Lyndin.

Card 1/2

UDC: 539.16.07:669

ACC NR: AM6025821

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SUB CODE: 18, 13/ SUBM DATE: 14Jun65/ ORIG REF: 118/ OTH REF: 035

Card 2/2

LYNDIN, Ye.A.; FILIPPOV, K.I.

The RE-1301 radiospectrometer of electronic paramagnetic resonance. Priborostroenie no.2:25-26 F '63. (MIRA 1615)
(Paramagnetic resonance and relaxation) (Spectrometer)

- SEMENOVA, A. (UA9DA - Sverdlovsk); BASSINA, M. (UB5KBA - L'vov);
BESSONOVA, V. (UA4KSA - Yoshkarola); KOROTKOVA, G. (UA1KAI - Leningrad);
NAYDENOVA, M. (UB5TU - Dnepropetrovsk); LYNDINA, I. (UA4KHA -
Kuybyshev); OSIDZE, L. (UF6YL - Tbilisi); ZAYNULINA, S. (UI8KAA -
Tashkent); SHCHEKOLDINA, A. (UB5GS - L'vov)

YL replies to our inquiries. Radio no.3:14-15 Mr '62.
(MIRA 15:3)
(Radio operators)

BLOCH, K.E.; LYNN, F.

Winners of the Nobel prize for medicine. Crv. hetil. 106 no.4:
173-174 24 Ja '65

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031110019-4

LYN'KOV, Mikhail Tikhonovich [Lyn'kou, TS.], akademik

I wish you a successful life. Bab.i sial. 36 no.2:9 F '60.
(MIRA 13:6)

(White Russia--Women)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031110019-4"

LYN'KOU, Mikhas'

Let me tell you about my teacher and friend. Rab.i sial. 38
no.11:7-8 N '62. (MIRA 15:11)
(Mitskevich, Konstantin Mikhailovich, 1882-1956)

ACC NR: AP6028182

(A)

SOURCE CODE: UR/0416/66/000/006/0039/0042

AUTHOR: Lynnik, P. (Lieutenant colonel); Pokrovskiy, K. (Major)

ORG: None

TITLE: Exercises for training junior specialists

SOURCE: Tyl i snabzheniye sovetskikh vooruzhennykh sil, no. 6, 1966, 39-42

TOPIC TAGS: specialized training, training procedure, food technology

ABSTRACT: General considerations are presented on conducting garrison and field exercises for developing the proficiency of various specialists assigned to the service establishments in rear areas. Specialized training groups are organized separately for warehouse managers, storekeepers, clerks, mess officers, cooks, tailors, shoemakers, medical orderlies, supply officers, etc. An example of organizing exercises for kitchen and mess personnel is presented and illustrated in a table covering a 5-day training procedure (hours, subjects, methods, place and instructors). The program includes studies of food products, kitchen equipment, cooking practice and preparation of food under field conditions. The preparation of food in contaminated areas is also included. Another example deals with the organization of food service activities under combat conditions. A seven-hour exercise includes the studies of combat and rear areas, the selection of a place for the field kitchen, the deployment of kitchen service and the prepara-

Card 1/2

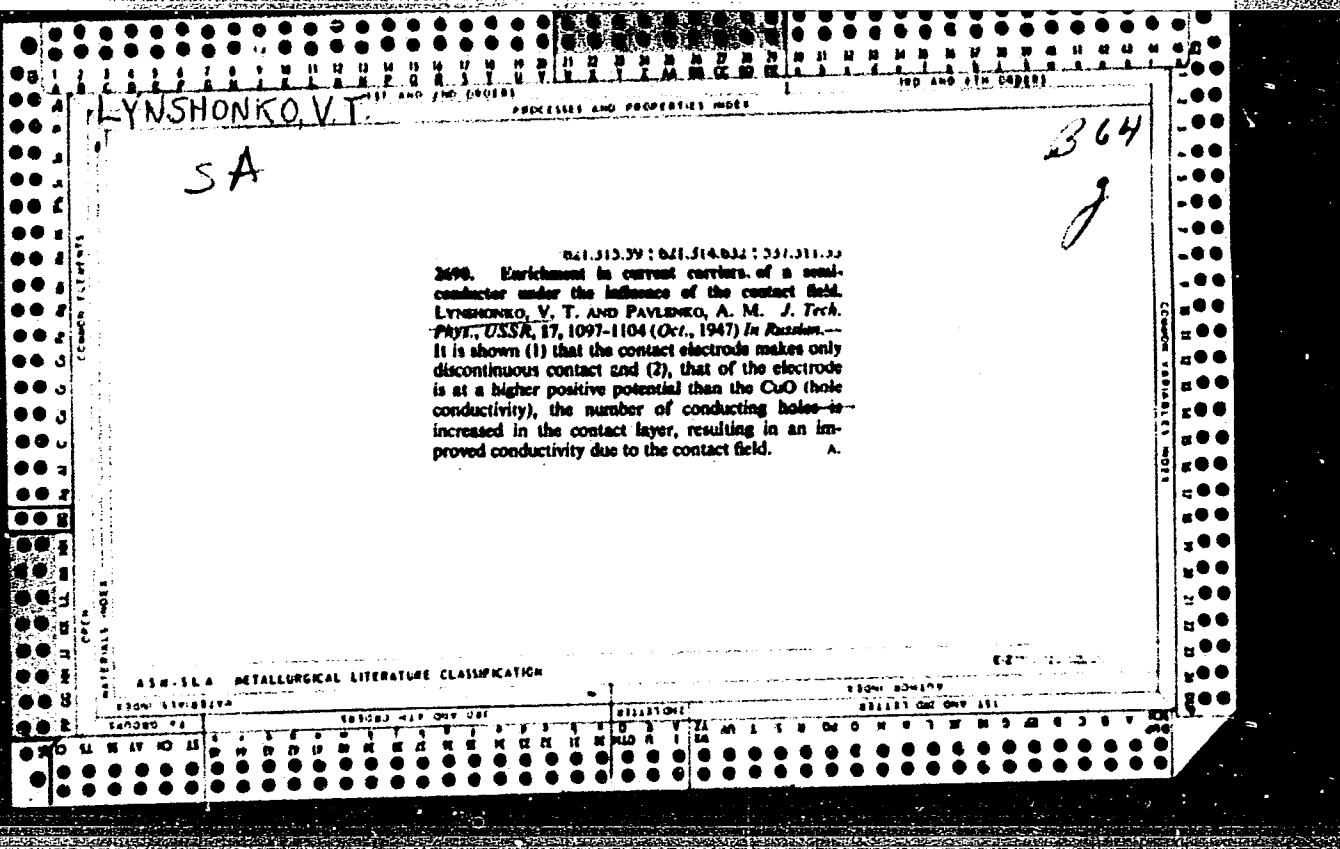
ACC NR: AP6028182

tion of food. The training procedure is discussed including installation of the field kitchen and the use of transportation equipment. The selection of food products, their cooking, preservation and distribution are also described and some recommendations are given. Orig. art. has: 1 table.

SUB CODE: 05, ~~14~~, 15 / SUBM DATE: None

Card

2/2



LYNSKIY, V.I.

Sila detskogo kollektiva (Strength
of the children as a group). Moskva, Izd-vo Akad.
ped. nauk RSFSR, 1952. 167 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

LYNSTERNIK, L. A. and SOBOLEV, S. L.

"Modern Problems in the Theory of Calculations"

presented at the All-Union Conference on Computational Mathematics and
Computational Techniques, Moscow, 16-28 November 1961

So: Problemy kibernetiki, Issue 5, 1961, pp 289-294

LYNSTIKH, E. N.

3

E.N. Lystikh, Inst. of Geophysics.

The application of the zonal gravity anomalies to the study of the reasons for prolonged vertical movements of platforms

Akademika Nauk SSSR, Doklady

61, 2, 1948, 267-70

From: B.N.L. Guide to R. Scientific Per. Lit. Oct. 23, 1948, Vol. 1, No. 6, p. 17

LYNTAYA MP

✓ 9271. Gravimetric determination of potassium in natural potassium salts by the nickelnitrate method.
G. P. Aleksandrov and M. I. Gulyaeva
Akad. Znan. SSSR, 1956, 31, No. 1, p. 122-124
Kazan, 1956. Author's Note: The reagent is made by a soin containing 10 g of $\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$ and 50 g of NaNO_3 in 100 ml of water to which 5 to 6 mg of KCl in 1 ml have been added; the soin is set aside overnight and then filtered. The potassium salt (1 to 1.5 g) is dissolved in 100 ml of water containing 10 ml of 30 per cent HCl. To the soin obtained, which contains inert substances, are added slowly, while boiling, 10 ml of 10 per cent $\text{HgCl}_2 \cdot 2\text{H}_2\text{O}$ soln. After 2 hr. the ppt. is filtered off and washed with hot water. The filtrate is made up to 250 ml and 25 ml are evaporated to dryness. The residue is dissolved in a minimum vol. of H_2O , 0.3 to 0.4 ml of 20 per cent HCl is added and the K is pptd. by 25 ml of the reagent. After standing for 1 hr. at 70° to 80° C and at room temp. overnight the ppt. is filtered off, washed with 75 per cent ethanol and with $\text{K}_2\text{Ca}(\text{NO}_3)_2$, dried at 130° C and weighed. The max. error does not exceed 0.2 per cent. R. Loed

LYNYUK, L.S.; SURGUCHEV, I.V.

Electrical networks of an electric train using silicon rectifiers.
Elek. i teplo.tiaga 7 no.1:26-32 Ja '63. (MIRA 16:2)

1. Nachal'nik Proyektno-konstruktorskogo byuro elektropoyezdov
Rizhskogo elektromashinostroitel'nogo zavoda (for Lynyuk). 2. Zame-
titel' nachal'nika spetsial'nogo konstruktorskogo byuro Rizhskogo
elektromashinostroitel'nogo zavoda (for Surguchev).
(Electric railroads) (Electric current rectifiers)

BARSKIY, Moisey Rafailovich, kand. tekhn.nauk; GLUSHKOV,
Mikhail Tikhonovich, inzh.; GONCHAROV, Konstantin
Borisovich, inzh.; ZALESSKIY, Lev Grigor'yevich,
inzh.; LALETIN, Geryat Pavlovich, inzh.; LYNYUK,
Leonid Savvovich, inzh.; KAPUSTIN, L.D., red.

[The ER9 electric train] Elektropoezd ER9. [By] M.R.
Barskii i dr. Moskva, 1964. 239 p. (MIRA 18:1)

LYOKE-YAGOSIL'D, E. K.

"Narodnye traditsii v pishchei problema ratsional'nogo pitaniya v estonskoy
derevne."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

LYOKENE, E., CAND GEOL-MIN SCI, "QUATERNARY GEOLOGY
OF THE NORTHERN AND CENTRAL PARTS OF THE SAKALA ELEVA-
TION." TALLIN, 1961. (ACAD SCI ESSR, DEPT OF PHYS-
MATH AND TECH SCIENCES). (KL, 3-61, 207).

101

LYOKENE, G. P., Cand Vet Sci -- "Skin transplantation in agricultural animals." Tartu, 1961. (Estonian Agr Acad. Chair of Surgery and Obstetrics) (KL, 8-61, 256)

- 400 -

LYONENE, K. A., (Chief Veterinary Surgeon of the state farm in ssi
V. Sassi, Pyl'vaskii raion, Estonian SSR)

"The way we liquidate sterility and save the young animals.
Veterinariya Vol. No 7, July 1961 p. 29.

LYOKENE, K.A.[Lookeene, K.]

How we control barrenness and protect young stock. Veterinariia
38 no. 7:29-32 Jl '61. (MIRA 16:8)

1. Glavnnyy veterinarnyy vrach sovkhoza imeni V. Sassi,
Pyl'vaskogo rayona, Estonskoy SSR.
(Estonia--Veterinary hygiene)

L 41182-65 EWT(d)/EWP(c)/EWP(r)/T/EWP(k)/EWP(1) PI-4
ACCESSION NR: AP5004677 S/0115/64/000/009/0058/0059

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B

AUTHOR: none

TITLE: Fourth scientific and technical conference on "Cybernetics for the improvement of measurement and inspection methods"

SOURCE: Izmeritel'naya tekhnika, no. 9, 1964, 58-59

TOPIC TAGS: cybernetics, electric measurement, electric quantity instrument, digital computer, electronic equipment, electric engineering conference

ABSTRACT: The conference was held 1-4 July at the All-Union Scientific Research Institute of Metrology by the Section of Electrical Measurements of the Council on the Problem of "Scientific Instrument Making" of the State Committee on Coordination of Scientific Research Work in the USSR together with the All-Union Scientific Research Institute of Electrical Measurement Instruments and the Leningrad Regional Administration of the Scientific and Technical Division of the Instrument Making Industry. More than 400 delegates from 29 cities of the country participated. Fifty-seven reports were heard and discussed. Reports were given by P. V. NOVITSKIY (Leningrad)--"Definition of the Concept of Informational Error in Measurement and its Importance in Practical Use" and "On the Problem of the Average Informational Criterion of Accuracy Throughout the Entire Scale of an Instrument"; Ya. A.

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KUPERSHNIKOV (Moscow)--"On Determination of the Criteria of Accuracy for Measurement Devices"; S. M. MANDEL'SHTAM (Leningrad)--report on a new criterion of accuracy of measurement instruments; P. F. PARSHIN (Leningrad)--report on optimization when using Fourier transforms on electronic digital computers; S. P. DMITRIYEV, G. Ya. DOLGINTSEVA and A. A. IGNATOV (Leningrad)--proposal of a new method for solving problems of optimum filtering for non-stationary random signals and interference; I. B. CHESLAPANOV--"Calculation of the Dynamic Characteristics of an Optimum Complex Two-Channel System which Uses Signals from a Position Meter and from a Speed Meter"; R. A. POLUEKTOV (Leningrad)--"Optimum Periodic Correction in the Measurement of Continuous Signals"; S. P. ADAMOVICH (Moscow)--"Analysis and Construction of Devices for Correction of Non-linearity and Scaling for Unitary Codes"; G. V. GORELOVA (Taganrog)--"A Method for Statistical Optimization in Graduating the Scales of Electrical Measuring Instruments"; M. A. ZEMEL'MAN (Moscow)--"Analog-Digital Voltage Converter with Automatic Error Correction"; B. N. MALINOVSKIY, V. S. KALENCHUK and I. A. YANOVICH (Kiev)--"Automatic Monitoring of the Parameters of the Electrical Signals of Complex Radio and Electronic Equipment"; V. P. PEROV (Moscow)--"Operational Cybernetics as an Independent Scientific Specialization"; Ye. N. GIL'BO (Leningrad)--"On the Problem of Effective Non-linear Scales"; A. I. MARKELOV (Moscow)--"Devices for Preliminary Processing of the Results of Measurements Presented in the Form of"

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Graphic Recordings For Subsequent Introduction of the Information into Universal Digital Computers"; O. M. MOGILEVVER and S. S. SOKOLOV (Leningrad)--"On a Method for Reducing Excess Information"; T. V. NIKOLAYEVA (Leningrad)--"A Device for Temporal Discretization of Continuous Signals"; A. A. LYOVIN and M. L. BULIS (Moscow)--"Optimization of the Transmission of Telemetric Information as a Means for Raising the Efficiency and Eliminating Interference"; D. E. GUKOVSKIY (Moscow)--"On a Statistical Approach to the Detection of Events in Automatic Inspection"; M. I. LANIN (Leningrad)--"Method for Calculating the Holding Time of Communications in a Centralized Inspection System or Constant Servicing Time"; O. N. BROMSHTEYN, A. L. RAYKIN and V. V. RYKOV (Moscow)--"On a Single-Line Mass Service System with Losses"; V. M. SHLYANDIN (Penza)--report on circuit designs for direct compensation electrical digital measuring instruments; A. N. KOMOV (Novocherkassk)--report on a new method for compensation of digital bridges; H. N. GLAZOV (Leningrad)--report on the problem of voltage-to-angular rotation conversion; V. S. GUTNIKOV (Leningrad)--"Methods for Construction of Frequency Capacitance Pickups with a Linear Scale"; R. Ya. SYROPYATOVA and R. R. KHARCHENKO (Moscow)--report on the determination of the amplitude-frequency and phase characteristics of PFM and PWM modulators; Ye. I. TENYAKOV (Novocherkassk)--"The Phototransistor as a Switch for Electrical Measurement Purposes"; N. V. MALYGINA (Leningrad)--a report on ways for making universal equipment for measurement of current, voltage and power; P. P. ORNATSKIY and V. I. ZOZULYA (Kiev)--reports on the construction of static voltmeters, wattmeters and

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phase meters; A. V. TRIKHANOV, I. G. SMYSHLYAYEV, N. I. SABLIN, V. M. RAZIN and V. A. GORBUNOV (Tomsk)--report on a device for automatic processing of the measurements of vibration amplitude of pneumatic hammers; L. K. RUKINA and V. G. KNORRING (Leningrad)--report on the development of a digital compensator for measuring pressure, force, etc.; N. B. DADUKINA (Leningrad)--report on a method for constructing frequency pickups for gas analysis; Ya. M. KARPOV, V. A. BRAZHNICKOV and B. Ya. LIKHTSINGER (Kuybyshev)--reports on analysis and recording of boring speeds; Yu. V. PSHENICHNIKOV (Kuybyshev)--"A High Speed Voltage-to-Digital Code Converter for ac Pickups"; G. P. VIKHROV and V. K. ISAYEV (Vilna)--"A Highly Accurate Digital Peak-to-Peak Voltmeter"; and S. M. PERSIN (Leningrad)--"A Low Level Analog-Digital Voltage Converter."

ASSOCIATIONS: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE, EO

NO REF SOV: 000

OTHER: 000

JPRS

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LYP A, A. I.

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Warsaw, Poland

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LIP, B.

The role of iron bacteria in water-supply installations. p.143
GAZ, WOLA I TECHNIKA SANITARNA (Polskie Zrzeszenie Gazownikow, Wodociagowcow i
Technikow Sanitarnych) Warszawa
Vol. 30, no. 4, Apr. 1956

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L.Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.
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